

LISTING OF CLAIMS

The listing of claims below replaces all prior versions and listings of claims.

1. (Previously presented) A target database system comprising:
a storage subsystem to store a plurality of temporary tables and a target table; and
an access management subsystem adapted to receive, in parallel, groups of data from a source database system for storage in corresponding temporary tables,
the access management subsystem adapted to further insert data from the temporary tables into the target table and to make data in the target table available for execution of database queries against that data.
2. (Original) The database system of claim 1, wherein the access management system comprises plural access managers adapted to manage access of respective portions of the storage subsystem.
3. (Original) The database system of claim 2, wherein the temporary tables are defined according to definitions for a source table in the source system.
4. (Original) The database system of claim 2, wherein the plural access managers are adapted to insert data from the temporary tables in parallel to the target table.
5. (Original) The database system of claim 4, the storage subsystem to store the definitions for the source table copied from the source system.
6. (Original) The database system of claim 2, wherein the plural access managers comprise access module processors, the storage subsystem divided into plural storage modules managed by respective access module processors.

7. (Original) The database system of claim 6, wherein the target table is distributed across the plural storage modules.

8. (Original) The database system of claim 1, wherein the temporary tables are relational tables.

9. (Original) The database system of claim 1, wherein the access management subsystem has a configuration different from a configuration of an access management system in the source system.

10. (Previously presented) A method of migrating data, comprising:
archiving data from a source table in a source database system;
transferring groups of the archived data, in parallel, to corresponding temporary tables in a target database system;
inserting data from the temporary tables into a target table in the target database system; and
making data in the target table available for execution of database queries against that data.

11. (Original) The method of claim 10, wherein archiving the data comprises archiving the data using a plurality of concurrently active archive modules.

12. (Original) The method of claim 11, wherein transferring the groups of data comprises restoring the groups of data, in parallel, using a plurality of restore modules.

13. (Original) The method of claim 12, further comprising communicating the groups of data between respective pairs of archive modules and restore modules across a transfer medium.

14. (Original) The method of claim 13, wherein communicating across the transfer medium comprises communicating across a pipe defined by an operating system in one of the source database system and target database system.

15. (Original) The method of claim 13, wherein communicating across the transfer medium comprises communicating through an intermediate storage system.

16. (Original) The method of claim 10, further comprising storing the source table across plural access managers, each access manager managing access to respective portions of the source table.

17. (Original) The method of claim 16, wherein transferring groups of the data comprises transferring clusters of the data, each cluster of data comprising data associated with a respective set of plural access managers.

18. (Original) The method of claim 10, further comprising copying database definitions from the source database system to the target database system.

19. (Original) The method of claim 18, further comprising creating the temporary tables in the target database system using the copied database definitions.

20. (Original) The method of claim 10, wherein archiving the data comprises archiving the data from a first source table, and transferring the groups of the archived data comprises transferring the groups of the archived data to a first set of temporary tables, the method further comprising:

archiving data from a second source table; and

transferring groups of the archived data from the second source table, in parallel, to corresponding second set of temporary tables in the target database system.

21. (Original) The method of claim 20, further comprising inserting data from the second set of temporary tables into a second target table in the target database system.

22. (Previously presented) A method of migrating data from a first source table in a first database system to a second database system, comprising:

receiving groups of data from the source table from an intermediate medium into corresponding temporary tables in the second database system,
defining the temporary tables according to definitions of the source table;
inserting rows of the temporary tables into a target table in the second database system; and
making data in the target table available for execution of database queries against that data.

23. (Original) The method of claim 22, wherein receiving the data comprises receiving data from the groups in parallel into the corresponding temporary tables.

24. (Original) The method of claim 22, wherein receiving the data from the intermediate medium comprises receiving the data over a data network.

25. (Original) The method of claim 22, wherein receiving the data from the intermediate medium comprises receiving the data from an intermediate storage system.

26. (Previously presented) An article comprising at least one storage medium containing instructions that when executed cause a target database system to:

receive one or more queries to set up temporary tables in the target database system;
receive groups of data from a source table in a source database system into the temporary tables;
insert data from the temporary tables into a target table in the target database system; and
make the data in the target table available for execution of database queries against that data.

27. (Original) The article of claim 26, wherein the instructions when executed cause the target database system to create the temporary tables using definitions for the source table.

28. (Original) The article of claim 26, wherein the instructions when executed cause the target database system to create the temporary tables to have at least one or more of the following characteristics of the source table: columns, data types of columns, primary key, and one or more indexes.

29. (Original) The article of claim 26, wherein the instructions when executed cause the target database system to receive the groups of data comprising clusters of data.

30. (Original) The article of claim 29, wherein each cluster comprises data of plural access module processors in the source database system.

31. (Original) An article comprising at least one storage medium containing instructions for migrating data from a first source table in a first database system to a second database system, the instructions when executed causing the second database system to:

receive, in parallel, groups of data from the source table from an intermediate medium into corresponding temporary tables in the second database system,
define the temporary tables according to definitions of the source table;
and

insert rows of the temporary tables, in parallel, into a target table in the second database system.